

Review
H8

CRF Errors Edited by the STIC Systems Branch

Serial Number:

09/788,269

CRF Edit Date:

Edited by:

8/15/01**ENTERED**

Dealing with nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

Corrected the SEQ ID NO. Sequence numbers edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: invalid beginning/end-of-file text ; page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

Other:

Sequence 9 - corrected spelling of "demonstrate"



RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:21:21

Input Set : A:\pto.amc.txt

Output Set: N:\CRF4\07132004\I788269.raw

3 <110> APPLICANT: Jarvik, Jonathan W.
5 <120> TITLE OF INVENTION: Methods and Products for Peptide-Based cDNA
6 Characterization and Analysis
8 <130> FILE REFERENCE: 2087 010261
10 <140> CURRENT APPLICATION NUMBER: US 09/788,269
11 <141> CURRENT FILING DATE: 2001-02-16
13 <150> PRIOR APPLICATION NUMBER: US 60/182,983
14 <151> PRIOR FILING DATE: 2000-02-16
16 <160> NUMBER OF SEQ ID NOS: 17
18 <170> SOFTWARE: Microsoft Word 97 SR-2
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 6
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Example of sequence made up entirely of six-codon amino acids
28 <400> SEQUENCE: 1
29 Leu Arg Arg Leu Leu Arg
30 1 5
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 6
34 <212> TYPE: PRT
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Example of sequence made up entirely of one-codon amino acids
40 <400> SEQUENCE: 2
41 Met Thr Trp Met Met Trp
42 1 5
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 100
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 3
50 gaatttctac acctcatact ttcccaagcc ccaactttct catctgaaaa tggtaatagt 60
52 atcatcctta catgttaag gtcatgaatt gctatgtgt 100
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 16
56 <212> TYPE: PRT
57 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 4
60 Thr Met Ile Thr Pro Ser Leu His Ala Cys Arg Ser Thr Leu Glu Asp
61 1 5 10 15
63 <210> SEQ ID NO: 5

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:21:21

Input Set : A:\pto.amc.txt

Output Set: N:\CRF4\07132004\I788269.raw

64 <211> LENGTH: 100
65 <212> TYPE: DNA
66 <213> ORGANISM: Homo sapiens
68 <400> SEQUENCE: 5
69 gaattcacat aaatcgaaaa ttttttttc cttcccagag ccatccaaaa ctctgtttgt 60
71 caaaggcctg tctgaggata ccactgaaga gacattaaag 100
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 99
75 <212> TYPE: DNA
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 6
79 gaattctctt gggttttgtg gtgtgctaga ctttaattacc catgaatgat tttgtcctct 60
81 tgagaaaaatt tcaatagcac atctatttagt gtttttat 99
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 27
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <221> NAME/KEY: SITE
90 <222> LOCATION: (4)..(9)
91 <223> OTHER INFORMATION: Oligonucleotide primer containing EcoRI site
93 <400> SEQUENCE: 7
94 cccgaattca gcaggtaaaa atcaagg 27
96 <210> SEQ ID NO: 8
97 <211> LENGTH: 29
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <221> NAME/KEY: SITE
103 <222> LOCATION: (4)..(9)
104 <223> OTHER INFORMATION: Oligonucleotide primer containing EcoRI site
106 <400> SEQUENCE: 8
107 ggggaattct tacttttctc cactgctat 29
109 <210> SEQ ID NO: 9
110 <211> LENGTH: 24
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Nucleotide input sequence used to demonstrate computer
program
116 capabilities
118 <400> SEQUENCE: 9
119 caactagaag aggttaagaaa ctat
121 <210> SEQ ID NO: 10 24
122 <211> LENGTH: 8
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Computer program output of encoded peptides
129 <400> SEQUENCE: 10

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:21:21

Input Set : A:\pto.amc.txt

Output Set: N:\CRF4\07132004\I788269.raw

130 Gln Leu Glu Glu Val Arg Asn Tyr
 131 1 5
 133 <210> SEQ ID NO: 11
 134 <211> LENGTH: 326
 135 <212> TYPE: DNA
 136 <213> ORGANISM: Homo sapiens
 138 <220> FEATURE:
 139 <221> NAME/KEY: exon
 140 <222> LOCATION: (37) ... (283)
 142 <400> SEQUENCE: 11
 143 gggaagccca tctccagctg tctgtttccc tttaagtcga atcaagagca acgtggatgg 60
 144 gcggtacctg gtggacggcg tccctttcaag ctgctgcaat cctagctcgc cacggccctg 120
 145 catccagtat cagatccacca acaactcagc acactacagt tacgaccacc agacggagga 180
 146 gctcaacctg tgggtgcgtg gctgcagggc tgccctgctg agctactaca gcagcctcat 240
 147 gaactccatg ggtgtcgtca cgctcctcat ttggcttcc gaggtaggcc ctgggcagct 300
 148 gggggtagag ggttaaggaga gcctcc 326
 150 <210> SEQ ID NO: 12
 151 <211> LENGTH: 36
 152 <212> TYPE: DNA
 153 <213> ORGANISM: Artificial sequence
 155 <220> FEATURE:
 156 <223> OTHER INFORMATION: Primer synthesized and used to PCR amplify rds/peripherin
 exon 2
 157 from an individual known to carry a wild type allele of
 158 rds/peripherin.
 160 <400> SEQUENCE: 12
 161 ggcccgaaat tctccagctg tctgtttccc tttaag 36
 163 <210> SEQ ID NO: 13
 164 <211> LENGTH: 37
 165 <212> TYPE: DNA
 166 <213> ORGANISM: Artificial sequence
 168 <220> FEATURE:
 169 <223> OTHER INFORMATION: Primer synthesized and used to PCR amplify rds/peripherin
 exon 2
 170 from an individual known to carry a wild type allele of
 171 rds/peripherin.
 173 <400> SEQUENCE: 13
 174 aatttactcg agctacccccc agctgcccag ggcctac 37
 176 <210> SEQ ID NO: 14
 177 <211> LENGTH: 364
 178 <212> TYPE: PRT
 179 <213> ORGANISM: Artificial sequence
 181 <220> FEATURE:
 182 <223> OTHER INFORMATION: Fusion protein
 184 <400> SEQUENCE: 14
 185 Met Ser Pro Ile Leu Gly Tyr Trp Lys Ile Lys Gly Leu Val Gln Pro
 186 1 5 10 15
 187 Thr Arg Leu Leu Leu Glu Tyr Leu Glu Glu Lys Tyr Glu Glu His Leu
 188 20 25 30
 189 Tyr Glu Arg Asp Glu Gly Asp Lys Trp Arg Asn Lys Lys Phe Glu Leu
 190 35 40 45

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:21:21

Input Set : A:\pto.amc.txt

Output Set: N:\CRF4\07132004\I788269.raw

191 Gly Leu Glu Phe Pro Asn Leu Pro Tyr Tyr Ile Asp Gly Asp Val Lys
192 50 55 60
193 Leu Thr Gln Ser Met Ala Ile Ile Arg Tyr Ile Ala Asp Lys His Asn
194 65 70 75 80
195 Met Leu Gly Gly Cys Pro Lys Glu Arg Ala Glu Ile Ser Met Leu Glu
196 85 90 95
197 Gly Ala Val Leu Asp Ile Arg Tyr Gly Val Ser Arg Ile Ala Tyr Ser
198 100 105 110
199 Lys Asp Phe Glu Thr Leu Lys Val Asp Phe Leu Ser Lys Leu Pro Glu
200 115 120 125
201 Met Leu Lys Met Phe Glu Asp Arg Leu Cys His Lys Thr Tyr Leu Asn
202 130 135 140
203 Gly Asp His Val Thr His Pro Asp Phe Met Leu Tyr Asp Ala Leu Asp
204 145 150 155 160
205 Val Val Leu Tyr Met Asp Pro Met Cys Leu Asp Ala Phe Pro Lys Leu
206 165 170 175
207 Val Cys Phe Lys Lys Arg Ile Glu Ala Ile Pro Gln Ile Asp Lys Tyr
208 180 185 190
209 Leu Lys Ser Ser Lys Tyr Ile Ala Trp Pro Leu Gln Gly Trp Gln Ala
210 195 200 205
211 Thr Phe Gly Gly Asp His Pro Pro Lys Ser Asp Leu Ile Glu Gly
212 210 215 220
213 Arg Gly Ile Gln Asp Leu Val Pro His Thr Thr Pro His His Thr Thr
214 225 230 235 240
215 Pro His His Thr Thr Pro His His Thr Thr Pro Gln Asp Leu Asn Ser
216 245 250 255
217 Pro Ala Val Cys Phe Pro Leu Ser Arg Ile Lys Ser Asn Val Asp Gly
218 260 265 270
219 Arg Tyr Leu Val Asp Gly Val Pro Phe Ser Cys Cys Asn Pro Ser Ser
220 275 280 285
221 Pro Arg Pro Cys Ile Gln Tyr Gln Ile Thr Asn Asn Ser Ala His Tyr
222 290 295 300
223 Ser Tyr Asp His Gln Thr Glu Glu Leu Asn Leu Trp Val Arg Gly Cys
224 305 310 315 320
225 Arg Ala Ala Leu Leu Ser Tyr Tyr Ser Ser Leu Met Asn Ser Met Gly
226 325 330 335
227 Val Val Thr Leu Leu Ile Trp Leu Phe Glu Val Gly Pro Gly Gln Leu
228 340 345 350
229 Gly Val Ala Arg Ser Ser Gly Arg Ile Val Thr Asp
230 355 360
232 <210> SEQ ID NO: 15
233 <211> LENGTH: 87
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial sequence
237 <220> FEATURE:
238 <221> NAME/KEY: misc_feature
239 <222> LOCATION: (35)..(37)
240 <223> OTHER INFORMATION: Upstream primer used to reamplify amplicons
241 Start codon at 35-37

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:21:21

Input Set : A:\pto.amc.txt

Output Set: N:\CRF4\07132004\I788269.raw

243 <400> SEQUENCE: 15
244 ggatcctaat acgactcact atagggagac caccatgcat caccatcata accatcacca 60
245 ctctccagct gtctgttcc ctttaag 87
247 <210> SEQ ID NO: 16
248 <211> LENGTH: 35
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: Downstream primer used to reamplify amplicons
255 <400> SEQUENCE: 16
256 cttagtcatt ataccccccag ctgcccaggg cctac 35
258 <210> SEQ ID NO: 17
259 <211> LENGTH: 28
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Ending of hemoglobin alpha 2 transcript
266 <400> SEQUENCE: 17
267 gcccccaaaaa aaaaaaaaaaaa aaaaaaaaaa 28

VERIFICATION SUMMARY**PATENT APPLICATION: US/09/788,269****DATE: 07/13/2004****TIME: 11:21:22****Input Set : A:\pto.amc.txt****Output Set: N:\CRF4\07132004\I788269.raw**



RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:20:55

Input Set : A:\010261.txt

Output Set: N:\CRF4\07132004\I788269.raw

3 <110> APPLICANT: Jarvik, Jonathan W.
5 <120> TITLE OF INVENTION: Methods and Products for Peptide-Based cDNA
6 Characterization and Analysis
8 <130> FILE REFERENCE: 2087 010261
10 <140> CURRENT APPLICATION NUMBER: US 09/788,269
11 <141> CURRENT FILING DATE: 2001-02-16
13 <150> PRIOR APPLICATION NUMBER: US 60/182,983
14 <151> PRIOR FILING DATE: 2000-02-16
16 <160> NUMBER OF SEQ ID NOS: 17
18 <170> SOFTWARE: Microsoft Word 97 SR-2
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 6
22 <212> TYPE: PRT
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Example of sequence made up entirely of six-codon amino acids
28 <400> SEQUENCE: 1
29 Leu Arg Arg Leu Leu Arg.
30 1 5
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 6
34 <212> TYPE: PRT
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Example of sequence made up entirely of one-codon amino acids
40 <400> SEQUENCE: 2
41 Met Trp Trp Met Met Trp
42 1 5
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 100
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 3
50 gaattcttac acctcataact ttcccaagcc ccaactttct catctgaaaa tggtaatagt 60
52 atccatcctta catgtttaag gtcatgaatt gctatgtgt 100
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 16
56 <212> TYPE: PRT
57 <213> ORGANISM: Homo sapiens
59 <400> SEQUENCE: 4
60 Thr Met Ile Thr Pro Ser Leu His Ala Cys Arg Ser Thr Leu Glu Asp
61 1 5 10 15
63 <210> SEQ ID NO: 5

P.2
Does Not Comply
Connected Diskette Needed

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:20:55

Input Set : A:\010261.txt

Output Set: N:\CRF4\07132004\I788269.raw

64 <211> LENGTH: 100
65 <212> TYPE: DNA
66 <213> ORGANISM: Homo sapiens
68 <400> SEQUENCE: 5
69 gaattcacat aaatcgcaaa ttttttttc cttccagag ccatccaaaa ctctgtttgt 60
71 caaaggcctg tctgaggata ccaactgaaga gacattaaag 100
73 <210> SEQ ID NO: 6
74 <211> LENGTH: 99
75 <212> TYPE: DNA
76 <213> ORGANISM: Homo sapiens
78 <400> SEQUENCE: 6
79 gaattcttgggtttgtg gtgtgctaga ctttaattacc catgaatgat tttgtctct 60
81 tgagaaaaatt tcaatagcac atctatttagt gtttttat 99
83 <210> SEQ ID NO: 7
84 <211> LENGTH: 27
85 <212> TYPE: DNA
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <221> NAME/KEY: SITE
90 <222> LOCATION: (4)..(9)
91 <223> OTHER INFORMATION: Oligonucleotide primer containing EcoRI site
93 <400> SEQUENCE: 7
94 cccgaattca gcaggtaaaaa atcaagg 27
96 <210> SEQ ID NO: 8
97 <211> LENGTH: 29
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <221> NAME/KEY: SITE
103 <222> LOCATION: (4)..(9)
104 <223> OTHER INFORMATION: Oligonucleotide primer containing EcoRI site
106 <400> SEQUENCE: 8
107 ggggaattct tactcttctc cactgctat 29
109 <210> SEQ ID NO: 9
110 <211> LENGTH: 24
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial Sequence
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Nucleotide input sequence used to demonstrate computer program 24
116 capabilities
118 <400> SEQUENCE: 9
119 caactagaag aggttaagaaa ctat
121 <210> SEQ ID NO: 10
122 <211> LENGTH: 8
123 <212> TYPE: PRT
124 <213> ORGANISM: Artificial Sequence
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Computer program output of encoded peptides
129 <400> SEQUENCE: 10

demonstrate

deonstrate computer

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:20:55

Input Set : A:\010261.txt

Output Set: N:\CRF4\07132004\I788269.raw

130 Gln Leu Glu Glu Val Arg Asn Tyr
 132 <210> SEQ ID NO: 11
 133 <211> LENGTH: 326
 134 <212> TYPE: DNA
 135 <213> ORGANISM: Homo sapiens
 137 <220> FEATURE:
 138 <221> NAME/KEY: exon
 139 <222> LOCATION: (37).. (283)
 141 <400> SEQUENCE: 11
 142 gggaaagccca tctccagctg tctgtttccc tttaagtcga atcaagagca acgtggatgg 60
 143 gcggtacctg gtggacggcg tccctttcaag ctgtgcata cctagctcg cacggccctg 120
 144 catccagttt cagatccacca acaactcagc acactacagt tacgaccacc agacggagga 180
 145 gctcaacctg tgggtgcgtg gctgcagggc tgcctctgtg agctactaca gcagcctcat 240
 146 gaactccatg ggtgtcgtaa cgctcttcat ttggctttc gaggttaggc ctggccagct 300
 147 gggggtagag ggtaaggaga gcctcc 326
 149 <210> SEQ ID NO: 12
 150 <211> LENGTH: 36
 151 <212> TYPE: DNA
 152 <213> ORGANISM: Artificial sequence
 154 <220> FEATURE:
 155 <223> OTHER INFORMATION: Primer synthesized and used to PCR amplify rds/peripherin
 exon 2
 156 from an individual known to carry a wild type allele of
 157 rds/peripherin.
 159 <400> SEQUENCE: 12
 160 gggccggaaat tctccagctg tctgtttccc tttaag 36
 162 <210> SEQ ID NO: 13
 163 <211> LENGTH: 37
 164 <212> TYPE: DNA
 165 <213> ORGANISM: Artificial sequence
 167 <220> FEATURE:
 168 <223> OTHER INFORMATION: Primer synthesized and used to PCR amplify rds/peripherin
 exon 2
 169 from an individual known to carry a wild type allele of
 170 rds/peripherin.
 172 <400> SEQUENCE: 13
 173 aatttactcg agctacccccc agctgcccag ggcctac 37
 175 <210> SEQ ID NO: 14
 176 <211> LENGTH: 364
 177 <212> TYPE: PRT
 178 <213> ORGANISM: Artificial sequence
 180 <220> FEATURE:
 181 <223> OTHER INFORMATION: Fusion protein
 183 <400> SEQUENCE: 14
 184 Met Ser Pro Ile Leu Gly Tyr Trp Lys Ile Lys Gly Leu Val Gln Pro
 185 1 5 10 15
 186 Thr Arg Leu Leu Leu Glu Tyr Leu Glu Glu Lys Tyr Glu Glu His Leu
 187 20 25 30
 188 Tyr Glu Arg Asp Glu Gly Asp Lys Trp Arg Asn Lys Lys Phe Glu Leu
 189 35 40 45
 190 Gly Leu Glu Phe Pro Asn Leu Pro Tyr Tyr Ile Asp Gly Asp Val Lys

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004
 TIME: 11:20:55

Input Set : A:\010261.txt
 Output Set: N:\CRF4\07132004\I788269.raw

191 50 55 60
 192 Leu Thr Gln Ser Met Ala Ile Ile Arg Tyr Ile Ala Asp Lys His Asn
 193 65 70 75 80
 194 Met Leu Gly Gly Cys Pro Lys Glu Arg Ala Glu Ile Ser Met Leu Glu
 195 85 90 95
 196 Gly Ala Val Leu Asp Ile Arg Tyr Gly Val Ser Arg Ile Ala Tyr Ser
 197 100 105 110
 198 Lys Asp Phe Glu Thr Leu Lys Val Asp Phe Leu Ser Lys Leu Pro Glu
 199 115 120 125
 200 Met Leu Lys Met Phe Glu Asp Arg Leu Cys His Lys Thr Tyr Leu Asn
 201 130 135 140
 202 Gly Asp His Val Thr His Pro Asp Phe Met Leu Tyr Asp Ala Leu Asp
 203 145 150 155 160
 204 Val Val Leu Tyr Met Asp Pro Met Cys Leu Asp Ala Phe Pro Lys Leu
 205 165 170 175
 206 Val Cys Phe Lys Lys Arg Ile Glu Ala Ile Pro Gln Ile Asp Lys Tyr
 207 180 185 190
 208 Leu Lys Ser Ser Lys Tyr Ile Ala Trp Pro Leu Gln Gly Trp Gln Ala
 209 195 200 205
 210 Thr Phe Gly Gly Asp His Pro Pro Lys Ser Asp Leu Ile Glu Gly
 211 210 215 220
 212 Arg Gly Ile Gln Asp Leu Val Pro His Thr Thr Pro His His Thr Thr
 213 225 230 235 240
 214 Pro His His Thr Thr Pro His His Thr Thr Pro Gln Asp Leu Asn Ser
 215 245 250 255
 216 Pro Ala Val Cys Phe Pro Leu Ser Arg Ile Lys Ser Asn Val Asp Gly
 217 260 265 270
 218 Arg Tyr Leu Val Asp Gly Val Pro Phe Ser Cys Cys Asn Pro Ser Ser
 219 275 280 285
 220 Pro Arg Pro Cys Ile Gln Tyr Gln Ile Thr Asn Asn Ser Ala His Tyr
 221 290 295 300
 222 Ser Tyr Asp His Gln Thr Glu Glu Leu Asn Leu Trp Val Arg Gly Cys
 223 305 310 315 320
 224 Arg Ala Ala Leu Leu Ser Tyr Tyr Ser Ser Leu Met Asn Ser Met Gly
 225 325 330 335
 226 Val Val Thr Leu Leu Ile Trp Leu Phe Glu Val Gly Pro Gly Gln Leu
 227 340 345 350
 228 Gly Val Ala Arg Ser Ser Gly Arg Ile Val Thr Asp
 229 355 360
 231 <210> SEQ ID NO: 15
 232 <211> LENGTH: 87
 233 <212> TYPE: DNA
 234 <213> ORGANISM: Artificial sequence
 236 <220> FEATURE:
 237 <221> NAME/KEY: misc_feature
 238 <222> LOCATION: (35)..(37)
 239 <223> OTHER INFORMATION: Upstream primer used to reamplify amplicons
 240 Start codon at 35-37
 242 <400> SEQUENCE: 15

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/788,269

DATE: 07/13/2004

TIME: 11:20:55

Input Set : A:\010261.txt

Output Set: N:\CRF4\07132004\I788269.raw

243 ggatcctaat acgactcaact atagggagac caccatgcat caccatcatc accatcacca 60
244 ctctccagct gtctgttcc ctttaag 87
246 <210> SEQ ID NO: 16
247 <211> LENGTH: 35
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Downstream primer used to reamplify amplicons
254 <400> SEQUENCE: 16
255 ctttagtcatt ataccccccag ctgcccccagg cctac 35
257 <210> SEQ ID NO: 17
258 <211> LENGTH: 28
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Ending of hemoglobin alpha 2 transcript
265 <400> SEQUENCE: 17
266 gcccccaaaaa aaaaaaaaaa aaaaaaaaaa 28

VERIFICATION SUMMARY**PATENT APPLICATION: US/09/788,269****DATE: 07/13/2004****TIME: 11:20:56****Input Set : A:\010261.txt****Output Set: N:\CRF4\07132004\I788269.raw**

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